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PATENT

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Date

August 16, 2002

Stephanie Jansen

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants : Edward Lo and Fred Wu

Attorney Docket No.: 500742.01

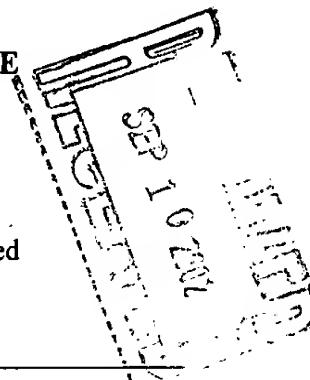
Serial No. : 09/825,184

Group Art Unit : 2152

Filed : April 2, 2001

Examiner : Not yet assigned

Title : SYSTEMS AND METHODS FOR ENHANCING CONNECTIVITY



INFORMATION DISCLOSURE STATEMENT

RECEIVED

Commissioner of Patents
Washington, D.C. 20231

AUG 27 2002

Technology Center 2100

Sir:

In accordance with 37 C.F.R. §§ 1.56 and 1.97 through 1.98, applicants wish to make known to the Patent and Trademark Office the references set forth on the attached form PTO-1449 (copies of the cited references, as required under 37 C.F.R. § 1.98, are enclosed). Although the aforesaid references are made known to the Patent and Trademark Office in compliance with applicants' duty to disclose all information they are aware of which is believed relevant to the examination of the above-identified application, applicants believe that their invention is patentable.

I hereby certify that each of the references set forth on the attached form PTO-1449 was cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this Information Disclosure Statement.

Please acknowledge receipt of this Information Disclosure Statement and kindly make the cited references of record in the above-identified application.

Respectfully submitted,

DORSEY & WHITNEY LLP



Mark W. Roberts, Ph.D.
Registration No. 46,160

MWR:sj

Enclosures:

- Postcard
- Fee Transmittal Sheet (+ copy)
- Form PTO-1449
- Cited References (6)

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Facsimile (206) 903-8820

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FORM PTO-1449 (REV. 7-80)	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY. DOCKET NO. 500742.01	APPLICATION NO. 09/825,184
O P INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)		APPLICANT(S) Edward Lo and Fred Wu	
		FILING DATE April 2, 2001	GROUP ART UNIT 2152

U.S. PATENT DOCUMENTS

EX-TRADE MARK OFFICE INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
AA						
AB						
AC						
AD						
AE						
AF						

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FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
AG							

OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

AH	Keller, A.M., et al., "Zippering: Managing intermittent connectivity in DIANA", <i>Mobile Networks and Applications</i> , 1997, Baltzer Science Publishers, Netherlands, vol. 2, no. 4, pp. 357-364
AI	Mazer, M.S., et al., "Writing the Web While Disconnected", <i>IEEE Personal Communications</i> , Oct. 1998, IEEE, USA, vol. 5, no. 5, pp. 35-41.
AJ	Alanko, T., et al., "Mowgli: Improvements for Internet Applications Using Slow Wireless Links", <i>Waves of the Year 2000+ PIMRC '97. The 8th IEEE International Symposium on Personal, Indoor and Mobile Radio Communications</i> ", Technical Program Proceedings, vol. 3, pp. 1038-1042.
AK	La Porta, T.F., et al., "Challenges for nomadic computing: Mobility management and wireless communications", <i>Journal of Special Topics in Mobile Network Applications</i> , August 1996, Baltzer Science Publishers, Netherlands, vol. 1, no. 1, pp. 3-16.
AL	Kleinrock, L., "Nomadicity: Anytime, anywhere in a disconnected world", <i>Journal of Special Topics in Mobile Networks and Applications</i> , Baltzer Science Publishers, Netherlands, vol. 1, no. 4, pp. 351-357.
AM	Mummert, L.B., et al., "Exploiting Weak Connectivity for Mobile File Access," Fifteenth ACM Symposium on Operating Systems Principles, <i>Operating Systems Review</i> , Dec. 1995, vol. 29, no. 5, pp. 143-155

EXAMINER	DATE CONSIDERED
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* EXAMINER: Initial if reference considered, whether or not criteria is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant(s).

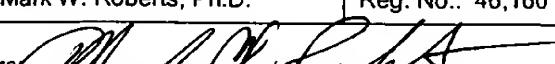
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**O P FEE TRANSMITTAL SHEET
(FOR FY 2002)**

AUG 23 2002
PARENT & TRADEMARK OFFICE

Complete If Known							
Application No.		09/825,184					
Filing Date		April 2, 2001					
First Named Inventor		Edward Lo					
Group Art Unit		2152					
Examiner		Not yet assigned					
Atty. Docket Number		500742.01					
METHOD OF PAYMENT (Check One)							
<p>1. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fee required under 37 C.F.R. §§ 1.16 and 1.17 and 1.136(a)(3) and credit any over payments to Deposit Account No.: <u>50-1266</u>; Deposit Account Name: <u>DORSEY & WHITNEY LLP</u></p> <p>2. <input type="checkbox"/> Check Enclosed</p>							
FEE CALCULATION (Continued)							
FEE CALCULATION							
1. BASIC FILING FEE							
Large Entity		Small Entity					
Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description			
101	740	201	370	<input type="checkbox"/> Utility Filing Fee			
106	330	206	165	<input type="checkbox"/> Design Filing Fee			
108	740	208	370	<input type="checkbox"/> Reissue Filing Fee			
114	160	214	80	<input type="checkbox"/> Provisional Filing Fee			
Subtotal (1)				\$ <u>0</u>			
2. EXTRA CLAIM FEES							
Current Claims		Prior		Fee			
Total	11	-	20	=	0 x \$ 18 = \$ 0		
Ind.	3	-	3	=	0 x \$ 84 = \$ 0		
Multiple Dependent Claims				x \$ = \$			
				Subtotal (2)		\$ <u>0</u>	
Large Entity						Small Entity	
Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description			
103	18	203	9	Claims in excess of 20			
102	84	202	42	Independent claims in excess of 3			
104	280	204	140	Multiple dependent Claim			
109	84	209	42	Reissue independent claims over original patent			
110	18	210	9	Reissue claims in excess of 20 and over original patent			
						Subtotal (3)	\$ <u>0</u>
RECEIVED						Total Amount of Payment:	
						\$ <u>0</u>	
						AUG 27 2002	
						Technology Center 2100	

Submitted by:

Name: Mark W. Roberts, Ph.D.	Reg. No.: 46,160	Telephone: (206) 903-8728
Signature: 	Date: <u>8/16/02</u>	